

# Beginning C++ Programming

## Abstract Classes as Interfaces

At around 2:24 in the video, I declared the virtual function `print` in the `Any_Class` class as expecting a pointer to an ostream object. This is a typo. The function should expect a **reference** to an ostream object, so that it matches the signature of the pure virtual function declared in the Printable interface.

It should be:

```
virtual void print(ostream &os) override {  
    os << "Hi from Any_Class";  
}
```

Thanks to Ali and Ishaan for pointing it out.

Best regards,  
Frank Mitropoulos